

Converting Colors

Hex(2B4C1E)

Have a look what the booklet for
Hex(2B4C1E) contains.

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Color

Hex(2B4C1E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2B4C1E |
| RGB | 43, 76, 30 |
| RGB Percent | 17%, 30%, 12% |
| CMY | 0.8314, 0.7020, 0.8824 |
| CMYK | 0.43, 0.00, 0.61, 0.70 |
| HSL | 103°, 43%, 21% |
| HSV | 103°, 61%, 30% |
| XYZ | 3.8150, 5.7762, 2.1421 |
| YIQ | 60.8890, -4.9020, -21.3020 |

Conversions

Conversions Part 2

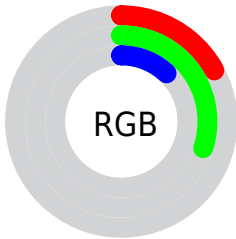
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 30, 76, 63 |
| Decimal | 2837534 |
| CIE Lab | 28.84, -22.08, 23.32 |
| CIE LCh | 29, 32.117, 133.441 |
| Yxy | 5.7762, 0.3251, 0.4923 |
| Android (android.graphics.Color) | 4281027614 (0xFF2B4C1E) |
| YUV | 60.8890, -15.2283, -15.6887 |
| Hunter-Lab | 24.0338, -13.7245, 11.5391 |

Details

The Hex color **2B4C1E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3F1E4C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5B7D4B**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **264C16**, and if you desaturate by 10%, it is **304C26**.

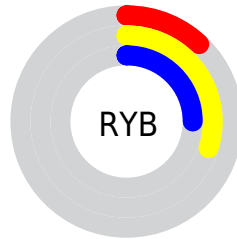
Distribution



 Red (17%)

 Green (30%)

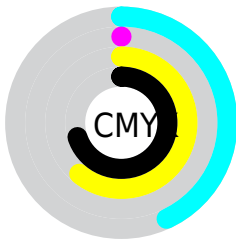
 Blue (12%)



 Red (12%)

 Yellow (30%)

 Blue (25%)

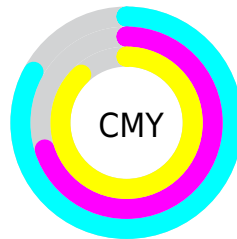



 Cyan (43%)

 Magenta (0%)

 Yellow (61%)

 Black (70%)



 Cyan (83%)

 Magenta (70%)

 Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4C1E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2B4C1E by changing the saturation by 10% instead.

■ 2B4C1E

■ 2B4C1E

FFFFFF

■ 143507

■ 5B7D4B

■ 002000

■ 749764

■ 000000

■ 8EB27D

■ A9CE97

■ C5EAB2

■ E1FFCD

■ FEFFEA

■ 2B4C1E

■ 2B4C1E

■ 264C16

■ 304C26

■ 204C0F

■ 364C2D

■ 1B4C07

■ 3B4C35

■ 154C00

■ 414C3C

■ 464C44

■ 4C4C4C

■ 514C53

■ 574C5B

■ 5C4C62

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



474610



2B4C1E



004F35

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B4C1E



004B73



722E3A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2B4C1E



3F1E4C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6A3053



2B4C1E



2B4374

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2B4C1E



004F66



543968



6C3423

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2B4C1E



005046



543968



712D42

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2B4C1E



576352



4C3F1E



2B3328



B3B3B3



333333

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2B4C1E



2F631B



1E4C28



242622



1D6600



41E600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3F1E4C



4F1B63



4C1E42



252226



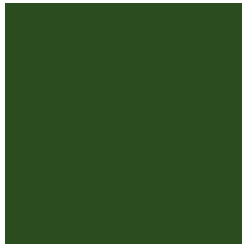
490066



A500E6

Previews

White Background



This preview shows how the Hex color 2B4C1E looks on a white background.

Color Contrast Check

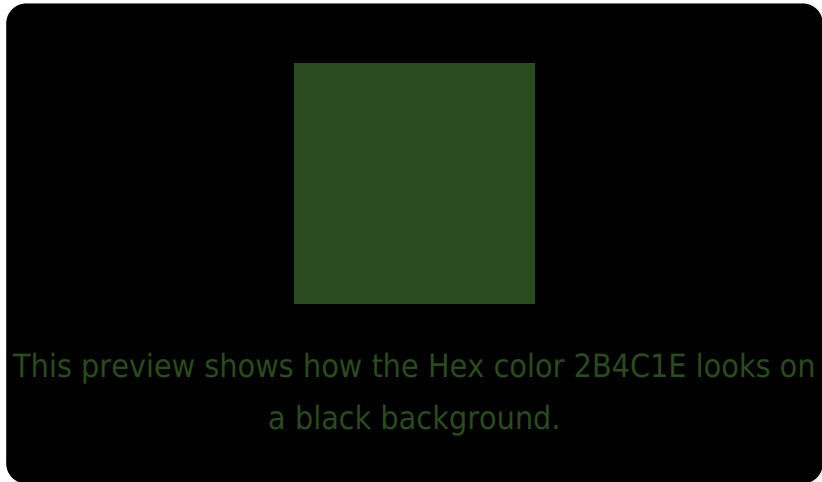
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

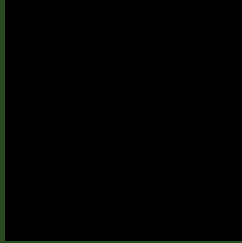
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2B4C1E Background



This preview shows how black text looks on a background with the Hex color 2B4C1E.



This preview shows how white text looks on a background with the Hex color 2B4C1E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

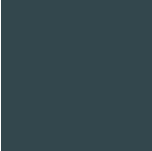
Dichromacy



Original Color
2B4C1E

Protanopia
4C441C

Deuteranopia
544121



Tritanopia
33474D

Trichromacy



Original Color
2B4C1E

Protanomaly
40471D

Deuteranomaly
454520

Tritanomaly
30493C

Monochromacy



Original Color
2B4C1E

Achromatopsia
3D3D3D

Achromatomaly
364232

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4C1E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2B4C1E looks like.

```
.text, #text, p{  
    color:#2B4C1E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2B4C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4C1E
}
```

Border

The CSS property to change the border of an element to Hex 2B4C1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

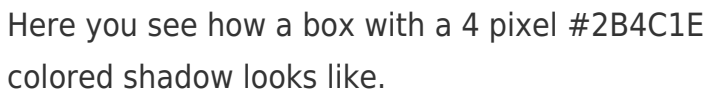
```
.border, #border, table{ border:4px solid
#2B4C1E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2B4C1E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2B4C1E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4C1E; -webkit-box-shadow:4px 4px  
4px 4px #2B4C1E; box-shadow:4px 4px 4px  
4px #2B4C1E }
```

Background

The CSS property to change the background color of an element to Hex 2B4C1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4C1E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2B4C1E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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